

SECTION A: AMENDMENTS TO THE SPECIFICATION

Please amend paragraph **[0007]** of the printed publication No. US 2003/0105757 with the following replacement paragraph:

More recently, database servers have been provided with a capacity for storing the data of more than one company. Firewalls were established between the data of different companies to provide a desired level of security.

Notwithstanding this architecture, architecture which required only a single database for multiple companies, there still remained the requirement for a single application server for each company.

Please amend paragraph **[0024]** with the following replacement paragraph:

In this system 10, the directory 25 is coupled through a line 27 to a container 30 which stores multiple applications or programs 32 of interest to the company 12. A system commonly used for this purpose is referred to as Enterprise JavaBeans JAVABEANS®. In this system, the applications or programs 32 are referred to as master beans and are so illustrated in Figure 1.

Please amend paragraph **[0027]** with the following replacement paragraph:

The maintenance of computer data is of concern to all users. For a single user, usually the capacity and operation of a desktop computer is sufficient for most data demands. For large users, large and expensive databases offering improved accessibility can usually be afforded. It is the medium size business which struggles with issues of size, operation and cost. In the past, application service providers (ASPs) accessible through the internet have used application servers to provide integrated applications such as business information, common

knowledge and management systems, to medium size businesses. Database servers have been used to store user data for use in these applications. ~~On One~~ such system in common use is that developed by SUN MICROSYSTEMS, INC.™ ~~Sun Microsystems, Inc.~~ In this system, each application is referred to as a bean. Accessibility to these applications and the data has been facilitated by the internet infrastructure.

Please replace the ABSTRACT with the following replacement paragraph:

An application server includes a directory responsive to multiple users from multiple companies to provide an indication of user identity, user role and user company. A single database stores data for each of the multiple companies. A container is responsive to the directory indication of user role to create a program, and is responsive to the directory indications of user identity and user company to provide the program with access to a particular portion of the data of the company in the database. An associated method for programming in an enterprise ~~java-bean~~ JAVABEAN® protocol is based on information relating to the identity of a user, company of the user, and role of the user within the company. The method provides a plurality of application beans relating to different functions of the company and a database including data relating to different companies. A particular one of the application beans associated with the user role is selected, and the selected bean is programmed to access a particular portion of the database associated with the company of the user and the identity of the user.